

CODES OF NYS 2007

§F611
CARBON MONOXIDE ALARMS

§F611.1 General. This section covers the application, installation, performance and maintenance of carbon monoxide alarms and their components in new and existing buildings and structures.

§F611.1.1 Definitions. For the purposes of this §F611, the following terms shall have the following meanings:

§F611.1.1.1 Existing buildings and structures. In the case of one-and two-family dwellings, multiple single-family dwellings (townhouses), and buildings owned as a condominium or cooperative and containing dwelling accommodations, the term "existing buildings and structures" shall mean (1) buildings and structures constructed after July 30, 2002 and on or before December 31, 2007 and (2) buildings and structures constructed on or before July 30, 2002 and offered for sale any time after July 30, 2002.

In all other cases, the term "existing buildings and structures" shall mean (1) buildings and structures constructed after August 9, 2005 and on or before December 31, 2007 and (2) buildings and structures constructed on or before August 9, 2005 and offered for sale any time after August 9, 2005.

§F611.1.1.2 Multiple dwelling. The term "multiple dwelling" shall mean a dwelling which is either rented, leased, let or hired out, to be occupied, or is occupied as the temporary or permanent residence or home of three or more families living independently of each other, including but not limited to the following: a tenement, flat house, maisonette apartment, apartment house, apartment hotel, tourist house, bachelor apartment, studio apartment, duplex apartment, kitchenette apartment, hotel, lodging house, rooming house, boarding house, boarding and nursery school, furnished room house, club, sorority house, fraternity house, college and school dormitory, convalescent, old age or nursing homes or residences, and a dwelling, two or more stories in height, and with five or more boarders, roomers or lodgers residing with any one family.

§F611.1.1.3 New buildings and structures. The term "new buildings and structures" shall mean buildings and structures constructed after December 31, 2007.

§F611.1.1.4 Offered for sale. A building or structure shall be considered to be "offered for sale" if (1) the building or structure is offered for sale or (2) a controlling interest in any corporation, limited liability company, partnership, limited partnership, or other firm or business entity of any kind that owns the building or structure is offered for sale. However, transfer of franchises shall not be deemed a sale.

§F611.2 Equipment. Carbon monoxide alarms shall be listed and labeled as complying with UL 2034 or CAN/CSA 6.19, and shall be installed in accordance with the manufacturer's installation instructions and this section.

§F611.2.1 Combination smoke and carbon monoxide alarms. Combination smoke and carbon monoxide alarms are permitted, provided the alarm is listed for such use. Combination smoke and carbon monoxide alarms shall have distinctly different alarm signals for smoke or carbon monoxide alarm activation.

§F611.3 Where required. Single and multiple station carbon monoxide alarms shall be provided in the locations described in this section.

Exception: Conformance with this section is not required where fuel-fired appliances and equipment, solid-fuel burning appliances and equipment, fireplaces, or motor-vehicle-related occupancies are not located within the structure.

§F611.3.1 New buildings and structures: one-and two-family dwellings, multiple single-family dwellings (townhouses), and buildings owned as a condominium or cooperative and containing dwelling accommodations. A carbon monoxide alarm shall be installed in the following locations:

1. Within each dwelling unit on any story having a sleeping area.
2. On any story of a dwelling unit where fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, fireplaces, or attached garages are located. A carbon monoxide alarm installed on any story of a dwelling unit or sleeping unit having a sleeping area shall suffice for that story where fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, fireplaces, or attached automotive parking garages, are also located.

§F611.3.2 New buildings and structures: Group I-1 occupancies. A carbon monoxide alarm shall be installed in the following locations:

1. On every story having a sleeping area.
2. On any story where fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, fireplaces or motor-vehicle-related occupancies are located. A carbon monoxide alarm installed on any story having a sleeping area shall suffice for that story where fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, fireplaces or motor-vehicle-related occupancies are also located.

§F611.3.3 New buildings and structures: Group R occupancies, nursery schools (with sleeping units), bed and breakfast uses, and multiple dwellings (as defined in §F611.1.1.2) not covered by §F611.3.1 or §F611.3.2. A carbon monoxide alarm shall be installed in the following locations:

1. In dwelling units and sleeping units where fuel-fired appliances and equipment, solid fuel-burning appliances and equipment or fireplaces are located. In multiple-story dwelling units or sleeping units, a carbon monoxide alarm shall be installed on every story that contains sleeping areas or has fuel-fired appliances and equipment, solid fuel-burning appliances and equipment or fireplaces.
2. In dwelling units and sleeping units that are on the same story as fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, fireplaces, or motor-vehicle related occupancies.

§F611.3.4 Existing buildings and structures: one-and two-family dwellings, multiple single-family dwellings (townhouses), and buildings owned as a condominium or cooperative and containing dwelling accommodations. A carbon monoxide alarm shall be installed within each dwelling unit or sleeping unit on the lowest story having a sleeping area.

§F611.3.5 Existing buildings and structures: Group I-1 occupancies. A carbon monoxide alarms shall be installed on every story having a sleeping area.

§F611.3.6 Existing buildings and structures: Group R occupancies, nursery schools (with sleeping units), bed and breakfast uses, and multiple dwellings (as defined in §F611.1.1.2) not covered by §F611.3.4 or §F611.3.5. A carbon monoxide alarm shall be installed in the following locations:

1. In dwelling units and sleeping units where fuel-fired appliances and equipment, solid fuel-burning appliances and equipment or fireplaces are located. In multiple-story dwelling units or sleeping units, a carbon monoxide alarm shall be installed on the lowest story having a sleeping area.
2. In dwelling units and sleeping units that are on the same story as fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, fireplaces, or motor-vehicle related occupancies.

§F611.3.7 Work completed within one-and two-family dwellings, multiple single-family dwellings (townhouses), buildings owned as a condominium or cooperative and containing dwelling accommodations, Group R occupancies, bed and breakfast uses, and multiple dwellings (as defined in §F611.1.1.2) not covered by §F611.3.8. A carbon monoxide alarm shall be installed within each dwelling unit or sleeping unit on the lowest story having a sleeping area where work includes the installation of fuel-fired appliances and equipment, solid-fuel burning appliances and equipment, construction of fireplaces and chimneys, or an addition or connection of the dwelling unit to a motor-vehicle-related occupancy. The requirements of this section shall apply without regard to the date of construction of the building or structure where the work is performed, and without regard to whether such building or structure shall or shall not have been offered for sale.

§F611.3.8 Work completed within Group I-1 occupancy. A carbon monoxide alarm shall be installed on any story having a sleeping area where work includes the installation of fuel-fired appliances and equipment, solid fuel-burning appliances and equipment, construction of fireplaces and chimneys, or an addition or connection of the dwelling unit to a motor-vehicle-related occupancy. The requirements of this section shall apply without regard to the date of construction of the building or structure where the work is performed, and without regard to whether such building or structure shall or shall not have been offered for sale.

§F611.4 Prohibited locations. Carbon monoxide alarms shall not be located within or near the openings to garages, bathrooms, or furnace rooms. Carbon monoxide alarms shall also not be located in or near locations specified in the manufacturer's installation instructions.

§F611.5 Power source. Carbon monoxide alarms shall receive their primary power from the building wiring when such wiring is served from a commercial or on-site power source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

Exceptions:

1. Carbon monoxide alarms installed in buildings without a commercial or on-site power source shall be permitted to be battery operated.
2. In existing buildings and structures, cord-type, direct plug, or battery-operated carbon monoxide alarms shall be permitted.

§F611.6 Interconnection. When more than one carbon monoxide alarm is required to be installed within an individual dwelling unit or sleeping unit, the alarms shall be interconnected.

Exception: Interconnection is not required where cord-type, direct plug, or battery-operated carbon monoxide alarms are permitted.

§F611.7 Maintenance. Carbon monoxide alarms shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective.

§F611.8 Disabling of alarms. Carbon monoxide alarms shall not be removed or disabled, except for service or repair purposes.